

Message

From: Ingle, Brandall [Ingle.Brandall@epa.gov]
Sent: 7/14/2020 3:38:59 AM
To: Lowit, Anna [Lowit.Anna@epa.gov]; Perron, Monique [Perron.Monique@epa.gov]
CC: Tan, Cecilia [Tan.Cecilia@epa.gov]; Wilbur, Donald [Wilbur.Donald@epa.gov]; Akerman, Gregory [Akerman.Gregory@epa.gov]; Vogel, Dana [Vogel.Dana@epa.gov]
Subject: RE: Work for RAB8

Hello Anna,

Thank you for all of the detailed references and material. I'm so glad to hear about the NAMs and TK work in the division and very interested in getting involved. After I have a chance to read through these, it would be great to discuss it with you in more depth. I had a meeting planned with Bill Eckel to review EFED modeling work in these areas, which he wanted to include you on. So please be on the lookout for that meeting invite as well.

Monique was kind enough to give me an intro to toxicology processes in HED when I started a few weeks ago. Since I didn't know that NAMs were her area of expertise, we did not discuss it much. I hope that we can follow up on that in the future. Cecilia has talked me through the PBPK side of things and I'm hoping to get involved with that when the next model comes in.

Don sent me the SAP information, so I'm looking into that now. I'm familiar with ICCVAM, but I was not tuned into the recent webinars. Don and Dana mentioned that you were the ORD representative. While I was a post-doc, my work was all through CSS, but I'm not familiar with the current StRAP. Thank you for sending it along.

Thank you for pulling all of this information together and helping me make connections across HED. I'm looking forward to working with you and learning more about emerging science needs in the division.

Thanks!
Brandall

Brandall Ingle, Ph.D.

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From: Lowit, Anna <Lowit.Anna@epa.gov>
Sent: Monday, July 13, 2020 4:40 PM
To: Ingle, Brandall <Ingle.Brandall@epa.gov>; Perron, Monique <Perron.Monique@epa.gov>
Cc: Tan, Cecilia <Tan.Cecilia@epa.gov>; Wilbur, Donald <Wilbur.Donald@epa.gov>; Akerman, Gregory <Akerman.Gregory@epa.gov>; Vogel, Dana <Vogel.Dana@epa.gov>
Subject: RE: Work for RAB8

Hi Brandall

First, welcome to OPP!!

I just got off the phone with Don. He is going to ask Winston to set up an introductory discussion for us with HED management soon. OPP is very active in the areas of NAMs, PBPK, reducing animal use, etc. My understanding is that

you have talked to Cecilia and Monique already. I'll assume you have talked to them about our PK related activities associated with PBPK, KMD, etc and the inhalation NAM work.

To give you a flavor of the other things we are doing in the NAMs/animal reduction space, I've attached a couple ppt files and listed a few links below. A couple weeks ago, OPP led SAB consultation on a variety of topics related to replacing the chronic/cancer rodent bioassays. As you know, we are planning a meeting of the FIFRA SAP in September on using NAMs in extrapolation. EFED has several active retrospectives in process. AD recently published the first ever draft risk assessment using in vitro data as the POD.

<https://www.epa.gov/newsreleases/epa-takes-important-step-reduce-unnecessary-animal-testing>
<https://yosemite.epa.gov/sab/sabproduct.nsf//0/2D3E04BC5A34DCDE8525856D00772AC1?OpenDocument>
<https://www.sciencedirect.com/science/article/pii/S0273230019302454>
<https://www.regulations.gov/document?D=EPA-HQ-OPP-2014-0159-0008>

We also have several representatives on the workgroup established by the Administrator to implement his directive to eliminate animal testing. Did you listen in to the recent webinars about the workplan? Are you familiar with ICCVAM? A lot of our animal reduction projects are being conducted thru the ICCVAM technical workgroups or with NICEATM directly. OPP has representation on every ICCVAM WG except Read Across (<https://ntp.niehs.nih.gov/whatwestudy/niceatm/iccvam/wg/index.html>) We are also working closely with NTP and the animal welfare community (PETA, PCRM, HSUS) on a variety of things.

In my role as Science Advisor, I am the primary liaison to ORD research, most often thru Jeff Frithsen, the CSS NPD. We worked very hard last year to ensure the ORD CSS StRAP lines up with the needs of OCSPP. Have you read the CSS StRAP? <https://www.epa.gov/research/chemical-safety-sustainability-strategic-research-action-plan-2019-2022> Any research we ask of them must fit within this framework.

Looking forward to working together,

Anna

Anna B. Lowit

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From: Ingle, Brandall <Ingle.Brandall@epa.gov>

Sent: Monday, July 13, 2020 1:01 PM

To: Perron, Monique <Perron.Monique@epa.gov>; Lowit, Anna <Lowit.Anna@epa.gov>

Subject: RE: Work for RAB8

Hello Monique and Anna,

I'm a new Team Lead in RAB8. I'm looking for projects where we can help support work in HED. Monique was kind enough to give me an intro to the toxicology work in HED a couple weeks ago. During interviews for junior staff in our branch, Mike Metzger has mentioned that there may be need for in vitro experience, PBPK experience, and IVIVE experience. Are you aware of any projects that could use support or do you have any ideas for projects you'd like to see started? If so, I would really love to discuss it with you and any other stakeholders.

Thanks!
Brandall

Brandall Ingle, Ph.D.

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From: Metzger, Michael <Metzger.Michael@epa.gov>

Sent: Monday, July 13, 2020 11:48 AM

To: Ingle, Brandall <ingle.brandall@epa.gov>

Cc: Perron, Monique <Perron.Monique@epa.gov>; Lowit, Michael <Lowit.Michael@epa.gov>

Subject: RE: Work for RAB8

Hi Brandall – I don't know what things are going on right now in those areas where help might be needed. I think the best people to talk to might be Monique and Anna. Thanks. Mike

From: Ingle, Brandall <Ingle.Brandall@epa.gov>

Sent: Monday, July 13, 2020 11:38 AM

To: Metzger, Michael <Metzger.Michael@epa.gov>

Subject: Work for RAB8

Hey Mike,

Stephen and I are working to compile project opportunities across the divisions that could be a good fit for RAB8. During the interviews, you've mentioned *in vitro* related work, IVIVE, and PBPK work. Do you know of specific project needs related to those areas? Could you point me towards the key contacts?

Ex. 5 Deliberative Process (DP)

Since those are my passion areas, I'm hoping to identify some more projects there. So any advice is greatly appreciated.

Thanks!

Brandall

Brandall Ingle, Ph.D.

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